Index of Claims

| Appl | ication/ | Control | No. |
|------|----------|---------|-----|
|------|----------|---------|-----|

09/678,836 Examiner

SUNG ET AL. Art Unit

Applicant(s)/Patent under Reexamination

**Kevin Mew** 

2664

| <b>√</b> | Rejected |
|----------|----------|
| 1        | Allowed  |

|   | _ | (Through numeral)<br>Cancelled |
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| - | Interference |

| A | Appeal   |
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|               |          | L        |                |               |        | J        |              | _  | <u> </u>     |     |             |          |              |  |              |  | J            | L      |
|---------------|----------|----------|----------------|---------------|--------|----------|--------------|--|--------------|-----|-------------|----------|--------------|--|--------------|--|--------------|--------|
| CI            | aim      | Г        |                |               | Dat    |          |              |  |              | 1   | CIA         | aim      | _            |  |              | _  | Det          | _      |
| - Cir         |          | 12       |                | $\overline{}$ | Dat    | Ť        | _            | T  | т -          | ł   | Cla         | 11111    | ├            |  | т            | _  | Dat          | Ť      |
| 7             | Original | 12       |                |               |        |          | l            |  |              |     | <del></del> | <u> </u> |              |  |              |  |              | ١      |
| Final         | ΪĒ       | 21.      |                |               |        |          | l            |  |              |     | Final       | Original | 1            |  |              |  |              | ł      |
| "             | ō        | oc       | -              |               |        | ı        |              |  |              |     | ш.          | ō        | İ            |  |              | İ  |              |        |
| 7             | 1        | =        |                | +             | +-     | ╁        | ╁            | ╁  | ╁            |     |             | 51       | -            | ⊢  | ╁            |  | ⊢            | $^{+}$ |
| <del> </del>  | 2        | =        | $\dashv$       | +             | ┿      | ╁╌       | ┢            | ┝  | ┢╌           |     |             | 52       | -            | -  | ┢╌           | ┢  | ⊢            | ╁      |
| 2             | 3        | _        | _              | +             | +-     | ╁        | ├            | -  | ├            | 1   | _           | 53       | ┢            | ⊢  | ┝            |  | ⊢            | ╁      |
|               | 4        | _        |                | +             | +      | ╁╌       | ╁            | ├─   | $\vdash$     | ł   |             | 54       | ⊢            | ⊢  | ⊢            | ⊢  | ╁            | t      |
| 2             | 5        | =        | -+             | +             | ╁┈     | ┼~       | ╁            | ┢  | $\vdash$     | ł   |             | 55       | ┢            | ⊢  | ┢            | -  | ╁            | t      |
| 3             | 6        |          | $\dashv$       | -             | +-     | ╁╌       | ╁            | $\vdash$   | $\vdash$     | ł   |             | 56       | ┢            | Н  | $\vdash$     | -  | <del> </del> | t      |
| 4             | 7        | =        |                | +             | +-     | +-       | $\vdash$     | $\vdash$   | <del> </del> | ł   |             | 57       | <del> </del> | $\vdash$   | H            | -  | ╁            | $^{+}$ |
| 1             | 8        | =        |                | +             | +      | ╁╌       | 1            | ╁  | ⊢            | ł   |             | 58       | $\vdash$     | $\vdash$   | ⊢            | ┢  | ╁            | +      |
| 6             | 9        | _        |                | $\dashv$      | +      | ╁        | -            | ┢  | ┢            | ł   |             | 59       | $\vdash$     | $\vdash$   | H            | H  | ┢            | +      |
|               | 10       |          |                | +             | +      | +        | ╁            | <del>                                     </del> | ┢            | ł   |             | 60       | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | ┢            | t      |
| P             | 11       | =        | -              | -             | +      | +        |              | ┢  | -            | 1   |             | 61       | -            | ┢  | $\vdash$     | $\vdash$   | ⊢            | t      |
| a             | 12       | =        | $\dashv$       | +             | +-     | ╁╌       | ┢            | $\vdash$   | H            | {   |             | 62       | ┢            | <del>                                     </del> | ┢            | ┢  | ⊢            | t      |
| 70            | 13       | =        | $\dashv$       | +             | +-     | ╁╌       | $\vdash$     | $\vdash$   | $\vdash$     | 1   |             | 63       | ⊢            | -  | ┢            | ┢  | ⊢            | t      |
| 10            | 14       |          | $\dashv$       | _             | +-     | ╁╴       | $\vdash$     | $\vdash$   | $\vdash$     | 1   |             | 64       | ├            | $\vdash$   | ├            | ┢  | ⊢            | t      |
| 11            | 15       | _        | -              | -+-           | +      | ╁        | ┢            | ┢  | H            | 1   |             | 65       | ┢            | ┢  | ┢            | ├  | ╁            | ╁      |
| <del>//</del> | 16       |          | $\vdash$       | ╅             | +-     | +        | ╁            | ╁  | ┢            | 1   |             | 66       | -            | ╌  | $\vdash$     | $\vdash$   | $\vdash$     | t      |
|               | 17       | _        |                | +             | +      | ╁╌       | -            | ╁  | H            | 1   |             | 67       | $\vdash$     | ┢  | $\vdash$     | $\vdash$   | -            | t      |
| <b>-</b>      | 18       | _        | -+             | +             | +      | $\vdash$ | H            | $\vdash$   | ┢            | 1   |             | 68       | <del> </del> | ┢  |              | -  | ╁            | t      |
| 12            | 19       | Z        |                | +             | ┿      | ┿        | <del> </del> | ╁  | $\vdash$     |     |             | 69       | $\vdash$     | $\vdash$   | <del> </del> | -  | ╁            | ╁      |
| 1/2           | 20       | 1        | $\dashv$       | +             | +      | +        | -            | ╁╌   | -            |     |             | 70       | -            | ⊢  | -            |  | ╁            | ╁      |
| 174           | 21       | Ξ        | +              | $\dashv$      | +      | +-       | $\vdash$     | ╁  | ┢            | i   |             | 71       | -            | ┢╾   | -            | ├  | ╁            | $^{+}$ |
| 11            | 22       | 11       | -              | +             | +      | $\vdash$ | ╁            | ┢  | ┢            | ł   |             | 72       | -            | ┢  | -            | ├  | -            | +      |
| <u> </u>      | 23       | =        |                | +             | +      | ╁        | ╁            | ╁  |              | 1   |             | 73       |              | $\vdash$   | H            | H  | ╁─           | ╁      |
| 1/2           | 24       | 11       | -              |               | +      | $\vdash$ | ┢            | ├  | ├            |     |             | 74       | $\vdash$     | -  | ┝            | ⊢  | ⊢            | +      |
| 17            | 25       |          | $\dashv$       | $\dashv$      | +      | 十        | ╁            | <del> </del>                                     | ┢            | 1   |             | 75       |              |  | ┢            | ┢  | ╁╾           | t      |
| 10            | 26       | ===      | $\dashv$       |               | +      | ╁        | $\vdash$     | H  | ├            |     |             | 76       | -            | -  | ┝            | ┝  | ╫┈           | t      |
| 11a           | 27       | Ξ        |                |               | ╁      | +        | ┢            | H  | ┢            |     |             | 77       | -            | -  | -            | $\vdash$   | $\vdash$     | t      |
| 77            | 28       | _        | $\dashv$       | +             | +      | t        | $\vdash$     | ┢  | <u> </u>     |     |             | 78       | -            |  | <del> </del> | ┝  | ╁╌           | t      |
|               | 29       |          | $\dashv$       |               | +-     | +        | $\vdash$     | $\vdash$   | $\vdash$     |     |             | 79       |              | -  | -            | -  | -            | t      |
|               | 30       |          | $\dashv$       | $\top$        | ╁┈     | H        | $\vdash$     | $\vdash$   | $\vdash$     | 1   |             | 80       | -            | -  | $\vdash$     | ┢  | $\vdash$     | t      |
|               | 31       |          | _              | +             | +      | ┢╌       | H            | $\vdash$   | -            |     |             | 81       | -            |  |              | -  | ┢            | t      |
|               | 32       |          | $\dashv$       | $\dashv$      | +      | H        | H            | -  | -            | 1 1 |             | 82       | -            | -  |              | ┢  | ┢            | t      |
| $\vdash$      | 33       |          | _              |               | +      | 一        | ┢            | <del>                                     </del> |              |     |             | 83       | ┝            | <del>                                     </del> | _            | $\vdash$   | H            | t      |
| $\vdash$      | 34       |          | $\dashv$       |               | +-     | $\vdash$ | 一            | $\vdash$   | -            |     |             | 84       | $\vdash$     | $\vdash$   | $\vdash$     | <u> </u>   | ╁            | t      |
| _             | 35       | П        | $\neg \dagger$ | $\top$        | $\top$ |          | Г            | Т  |              |     |             | 85       | _            | _  |              |  | $\vdash$     | t      |
|               | 36       | П        | $\dashv$       | ╅             | +      |          | 1            | <del> </del>                                     | $\vdash$     |     |             | 86       | $\vdash$     | $\vdash$   |              | $\vdash$   | $\vdash$     | t      |
|               | 37       |          |                | +             | $\top$ | 1-       | ┢            | ┢  | -            | ١.  |             | 87       | _            | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$     | t      |
|               | 38       | Н        | _              | $\dashv$      | $\top$ | ✝        | ┢            | <del>                                     </del> | -            |     |             | 88       | _            | _  | $\vdash$     | ┢  | $\vdash$     | t      |
|               | 39       |          | _              | +             | †      | 1        | Т            | T  |              |     |             | 89       | _            | _  | _            | $\vdash$   | ┢            | t      |
|               | 40       | П        | $\dashv$       | _             | +-     | $\vdash$ |              | ┰  | _            | . 1 |             | 90       |              | $\vdash$   | -            |  | ┢┈           | t      |
|               | 41       |          |                | $\neg$        | ✝      | 1        |              | $\vdash$   |              |     |             | 91       |              |  | _            |  | _            | t      |
|               | 42       |          | 一              | $\neg$        | ╈      |          |              |  |              |     |             | 92       |              | $\vdash$   | ┢            | <del>                                     </del> | $\vdash$     | t      |
|               | 43       | $\vdash$ | $\dashv$       | $\neg \vdash$ | T      |          | 1            |  |              |     |             | 93       |              | Н  | $\vdash$     | $\vdash$   | _            | t      |
|               | 44       | $\neg$   | $\dashv$       | $\top$        | $\top$ | $\vdash$ |              |  | Г            |     |             | 94       | П            |  |              |  |              | t      |
|               | 45       |          | 1              | 十             | T      | Г        |              |  |              |     |             | 95       |              |  |              |  |              | T      |
|               | 46       |          | $\neg$         | $\top$        |        | Γ        |              |  |              |     |             | 96       |              |  |              | $\vdash$   |              | T      |
|               | 47       |          | $\dashv$       | $\top$        | $\top$ | T        | ⇈            | Γ  |              |     |             | 97       |              |  |              | $\vdash$   |              | T      |
|               | 48       |          | 十              |               | ✝      | 1        | Т            |  | Г            |     |             | 98       |              | П  |              |  | _            | T      |
|               | 49       |          | $\top$         | $\neg$        | T      | 1        | Т            |  |              |     |             | 99       |              |  |              |  |              | T      |
| $\Box$        | 50       | $\dashv$ | $\dashv$       | $\dashv$      | T      | 1        | T-           | П  |              |     | $\neg$      | 100      |              | Н  | Н            | $\vdash$   | $\vdash$     | t      |
|               |          |          |                |               |        |          |              |  |              |     | !           | . 55     |              |  | _            | _  |              | _      |

| Cla  | aim        | Date   |              |  |  |              |  |                |              |              |  |
|--|------------|--|--------------|--|--|--------------|--|----------------|--------------|--------------|--|
|  | l =        |  |              | l  |  | 1            |  | 1              |              | 1            |  |
| <u>∞</u>                                     | E          | 1  |              |  | 1  |              | ı  |                |              | ļ            |  |
| Final  | i <u>ē</u> | 1  |              |  |  |              | ŀ  |                |              |              |  |
| "  | Original   | i  | ĺ            |  | ľ  |              | 1  |                | 1            |              |  |
| L  |            | ┞  | <u> </u>     | <u> </u>   | _  | _            |  |                | _            | _            |  |
|  | 51         |  |              |  | ļ  |              |  | <u> </u>       | <u>L</u>     |              |  |
|  | 52         |  |              |  |  |              |  |                |              |              |  |
|  | 52<br>53   |  |              |  |  |              |  |                |              |              |  |
|  | 54         | $\vdash$   | Т            | ┪  | Т  | _            |  |                | T            | _            |  |
| $\vdash$                                     | 54<br>55   | ┰  | $\vdash$     | <del>                                     </del>   | 1  | $\vdash$     | ┢  | -              | ├-           | _            |  |
|  | 56         | ╁  |              | ┢  | -  | -            | ├  | ├              | -            | -            |  |
|  | 20         | ├  | ⊢            | ⊢  | -  | $\vdash$     | <del> </del>                                     | -              |              | -            |  |
|  | 57         | ├-   | ⊢            | ⊢  | ⊢  | <u> </u>     | <u> </u>   | ├              | <b>├</b>     | _            |  |
|  | 58         | <u> </u>   | _            | _  | L  | <u>L</u>     | <u> </u>   | <u> </u>       | _            | L            |  |
| L  | 59         | _  | L            | L  | L  | L            | _  | <u>L</u>       | <u> </u>     | L            |  |
|  | 60         |  |              |  |  |              |  |                | 1            |              |  |
|  | 61         | 1  |              |  |  |              |  | Γ              |              |              |  |
|  | 62         | Π  |              |  |  |              |  |                | Г            | Г            |  |
|  | 62<br>63   | T  | Г            | T  | T  | Г            | Т  | $\vdash$       | Г            | T            |  |
| <b>—</b>                                     | 64         | $\vdash$   | $\vdash$     | <del>                                     </del>   | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$     |  |
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| <u> </u>                                     | 67         | L  | L_           | _  | L.   | _            |  | ╙              |              |              |  |
|  | 68         | $oxed{oxed}$                                     |              | $ldsymbol{ld}}}}}}$ | _  | L            |  | L              | L            |              |  |
|  | 68<br>69   | 1  |              | l  |  |              |  |                |              |              |  |
|  | 70         | П  |              |  |  |              |  |                |              |              |  |
|  | 71         |  |              |  |  |              |  |                | П            | Г            |  |
|  | 72         | T  | Г            | Т  |  |              | $\vdash$   |                | _            |              |  |
| -  | 73         |  | $\vdash$     |  | H  | $\vdash$     | H  | _              | -            | -            |  |
|  | 73<br>74   | $\vdash$   | $\vdash$     | ┝  | ⊢  | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$     |  |
| -  | 75         | -  | -            | ⊢  | -  | -            | -  | ⊢              |              | ⊢            |  |
|  | 75         | -  |              |  | -  |              | _  | _              |              |              |  |
| <u> </u>                                     | 76<br>77   | <u> </u>   | <u> </u>     | <u> </u>   | _  | <u> </u>     | ļ  | _              |              | <u> </u>     |  |
|  | 77         |  |              |  | L_   | L            | L  |                |              | <u> </u>     |  |
| <u>.                                    </u> | 78         | İ  |              |  |  |              |  |                |              |              |  |
|  | 79         |  |              |  |  |              |  |                |              |              |  |
|  | 80         |  |              |  |  |              |  | Г              |              |              |  |
|  | 81         | T  |              |  | <del>                                     </del> | ┪            |  |                |              |              |  |
|  | 82         | $\vdash$   | <del> </del> | <del> </del>   | ┢  | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | <del> </del> |  |
| -  | 83         | <del>                                     </del> | -            | ╁  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$       | ├─           | -            |  |
| $\vdash$                                     |            | $\vdash$   | $\vdash$     | $\vdash$   | -  | <del> </del> | ├  | <del> </del>   | $\vdash$     | $\vdash$     |  |
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| L  | 86         | <u> </u>   | $oxed{oxed}$ | _  | Ш  |              | <u> </u>   | <u> </u>       | Щ            | <u> </u>     |  |
|  | 87         |  | _            | $oxed{oxed}$   |  | L            | L  | $oxed{oxed}$   |              | L            |  |
|  | 88         |  |              | $L^{-}$  |  | L            | oxdot  | L              |              |              |  |
|  | 89         |  |              | i  |  |              | _  |                |              |              |  |
|  | 90         |  |              |  |  | -            |  | _              |              |              |  |
|  | 91         |  |              | $I^-$  |  |              | <u> </u>   |                |              | 1            |  |
|  | 92         | Н  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$       | $\vdash$     | $\vdash$     |  |
| -  | 93         | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   |              |  |                |              | $\vdash$     |  |
|  |            | $\vdash$   | <u> </u>     | $\vdash$   | $\vdash$   | <u> </u>     |  | ├-             | <del> </del> | -            |  |
|  | 94         | <del>                                     </del> | <u> </u>     | <u> </u>   | $\vdash$   |              | ⊢  | <u> </u>       | Ь.           | _            |  |
| <u> </u>                                     | 95         | <b> </b>   | Щ            | <b> </b> _   |  | Щ            | $\vdash$   | L_             | L            |              |  |
|  | 96         | L_   | L            | L  | L_   |              | L_   | L              |              |              |  |
|  | 97         |  |              |  |  |              | L  |                |              |              |  |
|  | 98         |  |              |  |  |              |  |                |              |              |  |
|  | 99         |  |              |  |  |              |  |                |              |              |  |
|  | 100        |  |              | П  |  |              |  | Т              |              |              |  |

| CI    | aim  | Date     |              |          |  |              |              |          |          |                 |
|-------|--|----------|--------------|----------|--|--------------|--------------|----------|----------|-----------------|
| Cli   |  | -        | -            | -        |  | Dat          | <del>-</del> | _        | _        |                 |
| Final | Original   |          |              |          |  |              |              |          |          |                 |
|       | 101  |          |              |          | Г  |              |              |          |          | П               |
|       | 101<br>102   |          | Г            |          |  |              |              |          | Г        |                 |
|       | 103  |          | Г            |          |  |              |              |          | П        |                 |
|       | 103<br>104   |          |              |          |  |              |              |          |          |                 |
|       | 105  |          | Γ            |          |  |              | Γ            |          |          |                 |
|       | 106  |          |              |          |  |              |              |          |          |                 |
|       | 107  |          |              |          |  |              |              |          |          |                 |
|       | 108<br>109   |          | _            | L        | _  | <u> </u>     | _            |          | <u></u>  | Ш               |
|       | 109  | <u> </u> | L            |          | <u> </u>   | <u> </u>     | _            | _        | _        | Ш               |
|       | l 110  |          | <u> </u>     |          | _  | <u> </u>     | _            | L        | <u> </u> | Щ               |
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|       | 113  | <u> </u> | <del> </del> |          | <del> </del>   | <u> </u>     | <u> </u>     | $\vdash$ | $\vdash$ | $\vdash \vdash$ |
|       | 114  | ⊢-       | ├-           | ├—       | ├  | ⊢            | ├-           | -        |          | Н               |
|       | 114<br>115<br>116<br>117                             | ├        | -            | ├        | ├  | <del> </del> | ├-           | $\vdash$ | ├        | Н               |
|       | 110  | $\vdash$ | -            | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | ├        | $\vdash$ | Н               |
|       | 118  | -        |              | -        | ├  | $\vdash$     | ├            | -        |          | $\vdash$        |
|       | 110  | _        | _            | _        | ⊢  | ⊢            | ┝            | ┝        | $\vdash$ | Н               |
|       | 120  | ├        | $\vdash$     | ├        | ├  |              | ⊢            | ┝        | $\vdash$ | Н               |
|       | 121  | $\vdash$ | -            | -        | -  | -            | -            | ┢─       | ┝        | Н               |
|       | 122  | -        | -            | ┢        | $\vdash$   | -            | -            | ┢        | _        | $\vdash$        |
|       | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126 |          |              | $\vdash$ |  |              |              |          | l -      | П               |
|       | 124  |          |              |          |  | $\vdash$     |              |          |          |                 |
|       | 125  |          |              |          |  |              |              |          |          |                 |
|       | 126  |          |              |          |  |              |              |          |          | Ц               |
|       | 127  |          | <u> </u>     |          | $ldsymbol{ld}}}}}}$ | _            |              |          | L_       | Ш               |
|       | 127<br>128<br>129                                    | _        |              |          |  |              |              |          | <u> </u> | Ш               |
|       | 129  |          |              |          | _  |              |              |          | _        | Ш               |
|       | 130<br>131   |          | L            | -        | <u> </u>   | ├            |              | _        | <u> </u> | Н               |
|       | 131  | _        | <u> </u>     | -        | $\vdash$   | -            |              | _        | <u> </u> | Н               |
|       | 132  |          | -            |          | ⊢  | -            | -            | _        | _        | Н               |
|       | 133<br>134   | H        |              | H        | -  | -            | $\vdash$     | -        | ┝        | $\vdash\vdash$  |
|       | 135  | $\vdash$ | $\vdash$     | Н        | Н  | H            | $\vdash$     |          | H        | Н               |
|       | 136  |          |              |          |  |              |              |          | -        | Н               |
|       | 137  |          | _            | П        | Г  |              |              |          |          | П               |
|       | 138  |          | -            |          |  |              |              | _        |          |                 |
|       | 138<br>139   |          |              |          |  |              |              |          |          |                 |
|       | 140  |          |              |          |  |              |              |          |          |                 |
|       | 141  |          |              |          |  |              |              |          |          |                 |
|       | 142  |          | Щ            |          | Щ  |              | Щ            | _        | _        | Щ               |
|       | 143  |          | Щ            |          | Ш  | L            | Ш            | Щ        |          | Щ               |
|       | 144  |          | $\vdash$     | <u> </u> | -  | <u> </u>     | ļ            | Щ        |          | Н               |
|       | 145  |          |              |          | -  | <u> </u>     |              | Щ        |          | Н               |
|       | 146<br>147   |          | Н            |          | -  | <u> </u>     |              |          |          | $\vdash\dashv$  |
|       | 148  |          | -            | H        | <u> </u>   | H            | $\vdash$     | -        | $\vdash$ | $\vdash$        |
|       | 149  |          |              | $\vdash$ |  |              | H            | -        |          | $\vdash$        |
|       | 150  | -        |              |          |  |              | $\vdash$     | -        | -        | $\vdash$        |
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